

California Weather-Hydro Conditions during October 2011

As of November 1, statewide hydrologic conditions were as follows: precipitation, 135 percent of average to date; runoff, 130 percent of average to date; and reservoir storage, 130 percent of average for the date. Sacramento River Region unimpaired runoff observed through October 31, 2011 was about 0.5 million acre-feet (MAF), which is about 106 percent of average. For comparison, on October 31, 2010, the observed Sacramento River Region unimpaired runoff through that date was about 0.6 MAF, or about 124 percent of average.

On November 1, the Northern Sierra 8-Station Precipitation Index Water Year total was 3.8 inches, which is about 119 percent of the seasonal average to date and 8 percent of an average water year (50.0 inches). During October, the total precipitation for the 8-Stations was 3.8 inches, which is about 127 percent of the monthly average. Last year on November 1, the seasonal total for the 8-Stations was 7.5 inches, or about 250 percent of average for the date.

On November 1, the San Joaquin 5-Station Precipitation Index Water Year total was 2.3 inches, which is about 105 percent of the seasonal average to date and 6 percent of an average water year (40.8 inches). During October, the total precipitation for the 5-Stations was 2.3 inches, or about 115 percent of the monthly average. Last year on November 1, the seasonal total for the 5-Stations to date was 7.4 inches, or about 336 percent of average for the date.

Selected Cities Precipitation Accumulation as of 11/01/2011 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2011 - 2011 (in inches)	% Avg	Jul 1 to Date 2010 - 2010 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2011 - 2012
Eureka	4.79	144	5.84	176	12
Redding	3.33	111	5.13	170	10
Sacramento	1.34	104	1.44	112	7
San Francisco	1.49	107	1.87	135	6
Fresno	0.90	110	0.44	54	8
Bakersfield	0.55	131	0.59	140	9
Los Angeles	0.64	75	1.56	184	5
San Diego	0.59	77	2.23	290	6

Key Reservoir Storage (1,000 AF) as of 11/01/2011								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	2,065	1,614	128	2,448	84	---	383
Shasta Lake	Sacramento	3,227	2,755	117	4,552	71	-665	1,325
Lake Oroville	Feather	2,896	2,164	134	3,538	82	-267	642
New Bullards Bar Res	Yuba	688	533	129	966	71	-108	278
Folsom Lake	American	577	496	116	977	59	-147	400
New Melones Res	Stanislaus	1,944	1,302	149	2,420	80	-26	476
Don Pedro Res	Tuolumne	1,582	1,297	122	2,030	78	-108	448
Lake McClure	Merced	687	451	152	1,025	67	13	338
Millerton Lake	San Joaquin	280	189	148	520	54	-115	240
Pine Flat Res	Kings	556	350	159	1,000	56	-275	444
Isabella	Kern	168	159	106	568	30	-2	400
San Luis Res	(Offstream)	1,721	1,105	156	2,039	84	---	318

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for November 2011, issued October 31, 2011, suggests above average rainfall for Northern California. The outlook suggests no tendency for above or below average rainfall for the central and southern parts of the State.